

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave. St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005036**Date Inspected:** 11-Dec-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1330**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2230**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	NA			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006			Component:	OBG Fabrication		

Summary of Items Observed:

Caltrans Quality Assurance (QA) Inspector, Mr. Paul Dawson, arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China, for the purpose of monitoring welding and fabrication of the San Francisco / Oakland Bay Bridge (SFOBB) components. The QA Inspector observed the following:

Caltrans QA Office

ZPMC/ABF presented Caltrans QA Inspectors with radiographic film representing various plate welds. Deck plate DP555-001-300 was deemed to be rejectable by ZPMC/ ABF and the remaining welds, listed below, have been identified as being acceptable. The QA Inspector performed a review of radiograph film of the following welds:

ZPMC Report B787-RT-052 No lot number was assigned

DP555-001-300 (see "hot topic" above) Note: repairs of this weld are pending.

DP580-001-300 Appears to comply.

DP600-001-300 Appears to comply.

DP570-001-300 Appears to comply.

DP337-001-153 Appears to comply.

ZPMC Report AB-RT-93 Lot number B63-006-08 was assigned

HP2008110-1 Appears to comply.

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HP2008100-2 Appears to comply.

HP2008111-1 Appears to comply.

HP2008111-2 Appears to comply.

HP2008112-1 Appears to comply.

HP2008112-2 Appears to comply.

ZPMC Report B787-RT-050 Lot number B63-005-08 was assigned

DP645-001-038 Appears to comply.

ZPMC Report B787-RT-049 Lot number B63-004-08 was assigned

DP653-001-038 Appears to comply.

DP669-001-038 Appears to comply.

DP661-001-038 Appears to comply.

ZPMC Report B787-RT-051 Lot number B63-003-08 was assigned

DP667-001-038 Appears to comply.

DP643-001-038 Appears to comply.

DP653-001-024 Appears to comply.

DP651-008-038 Appears to comply.

DP610-001-300 Appears to comply.

DP615-001-300 Appears to comply.

For additional information on these inspections see the TL6029 Radiographic Ultrasonic Test Reports.

Summary of Conversations:

See above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco 13816942685, who represents the Office of Structural Materials for your project.

Inspected By:	Dawson,Paul	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
